

PU Black Matt

Product code: E/151X

Color: Black

Finish: Matt

Composition and Application Field

Pigmented polyurethane black matt top finish, endowed with good drying, very good covering and softness. It is indicated to varnish furniture and frames and every wooden parts where lacquering is requested.

Available in the following version:

E/1510 6±1% Gloss

E/1511 12±3% Gloss

E/1512 30±5% Gloss

E/1513 50±5% Gloss

E/1514 70±5% Gloss

Product Preparation

Catalyst by weight by volume with hardener
50% 50% E/1003

Additives Not necessary in normal conditions

Pot Life 3hrs. at 25°C

Dilution

Spraying: Dilute with PU thinner E/613 at 20%.

In case of hot and humid climate, add 5 -10% of PU retardant thinner E/622.

Technical Characteristics

Physical Properties

Specific gravity	0.99	(± 0,025) Kg/l
* Visc. Ford	60	(± 5) Sec.
4/ 25°C		
Weight solids	41%	(± 2) Kg/Kg
Weight solids blended	35%	(± 2) Kg/Kg
Flash Point	21	grades
		centigrade
(Abel Pensky closed cup)		

Application Rate 140gr/m² (per coat)

Drying @25°C

* Dust free	10 mn
Touch drying	45 mn
Interval coats	3.30 hrs
Deep drying	24 hrs

Dry Film Characteristics

Mechanical Characteristics

Gloss 60°From 5 to 70 (ASTM D523/67)

PlasticityGood

HardnessGood

Surface Preparation

This product can be applied on pigmented polyester or polyurethane products; one or more coats depending on the substrate and desired covering. Sand very well the surface before application of the top finish. Apply evenly.

Application Method

You can apply the product as follows:

Spray gun: It is possible to use even airless and air-mix equipments.

Curtain: This product can be applied even with curtain coater; control the viscosity during application adding PU thinner to balance the evaporation of solvents.

Apply 1 or 2 coats of product (without sanding between), waiting 60-90 min according to the desired covering.

Subsequent Treatments

After drying this product do not need particular subsequent treatment. In case of ageing treatment request, contact our Technical Department or consult Technical Data Sheet relative to the products mentioned.

Note

When retardant thinner is used (critical condition of temperature) the gloss value can be increased a bit (5 gloss more).

Do not apply more than 2 coats of top finish. Respect interval coats, drying time and quantity suggested.

Packing

Available in 1 ltr, 5ltr, 25ltr.

NB: We fill 1Kg per ltr.

Storage

If the drum is hermetically closed and well stored at 25°C, the product has 18 months of shelf-life.

The hardeners have 6 months of shelf-life.